

# The Commonwealth of Massachusetts Department of State Police 305 South Street, Jamaica Plain, MA 02130 617-983-6622

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

MARY ELIZABETH HEFFERNAN SECRETARY

COLONEL TIMOTHY P. ALBEN SUPERINTENDENT

08/06/12

Paula Chouinard
Assistant District Attorney's Office, Essex County

Ms. Chouinard,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Analysis sheets with chemist's hand notations and test results.
- 3. GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

Sincerely,

Kate Corbet Chemist II

Drug Analysis Lab

(617) 983-6632

## PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health State Laboratory Institute

**Boston Drug Laboratory** Tel (617) 983-6622

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Fax (617) 983-6625

**Amherst Hours** 

**Boston Hours** 8:00-11:002:00-4:00

DRUG RECEIPT

9:00 - 12:001:00-3:00

Dolino Deference No :

Name and Rank of Submitting Officer: <u>AET: PEROCC</u>	CHI	
	non_	
Defendant(s) Name (last, first, initial):		
T. J. L. C. Luittan	To be completed b	y Lab Personnel
To be completed by Submitter  Description of Items Submitted	Gross Weight	Lab Number
TPL PKT OF A BROWN POWDER		
' '	17/70	
The state of the s	1 109	
I ORANGE TAB	1 17/1	
	aithe.	
\$ PL PRT OF A WHITE POWDER	2	
	1 220	
	1 129	
	[	
	·	
	·	3-22

## DRUG POWDER ANALYSIS FORM

SAMPLE#	AGENCY (UNIONCE ANALYST KAC
No. of samples tested:	Evidence Wt.
physical description:  The Contain  powder	Gross Wt (7): 472229  Lang fan Gross Wt (1): 047179  Pkg. Wt: 0.14999  Net Wt: 0.32229  Amt USed in Vial = 0.01439
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( ) Holy Marquis + Holy	Gold Chloride TLTA ( )
Froehde's + hunder  Mecke's + gracer	OTHER TESTS
PRELIMINARY TEST RESULTS  RESULTS LARMIN	GCIMS CONFIRMATORY TEST  RESULTS CONFIRMATORY TEST
DATE 7 24 1	OPERATOR KAC
	TO 126 12 5

Revised 7/2005 Corbett\_email\_PRR\_022059

## DRUG POWDER ANALYSIS FORM

SAMPLE :	AGENCY CAWVENCE ANALYST KAC
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt (2): 0.44399
2 Similar pbs	Containing Gross Wt (1): 0.272Ceg
DHYSICAL DESCRIPTION:  2 Similar pbs  White pouder	Pkg. Wt: 0. (845g) Net Wt: 0. 0883g
	amtused in vial=0.002
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	+
·	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS O COUNT	RESULTS (O(UN)
DATE 7 29/12	OPERATOR AC
	DATE 7/20/2
	T072512 ) Revised 7/2005

Corbett\_email\_PRR\_022060

## DRUG POWDER ANALYSIS FORM

SAMPLE #	AGENCY ( WYUM ( ANALYST KAC Evidence Wt. OK
physical description:  Ovange fable  (N8)	Gross Wt():
Cobalt 03	Microcrystalline Tests  Gold Chloride  TLTA()  OTHER TESTS  WWWEGEXED FOR  BYNENOY MILE
PRELIMINARY TEST RESULTS  RESULTS BUYON ON THE TOTAL T	GC/MS CONFIRMATORY TEST  RESULTS BUNYAMOY DUM  MS  OPERATOR  DATE  1012612  Revised 7/2005

## **Drug Information**

**DRUG NAME: SUBOXONE TABLET** 

**INGREDIENTS: BUPRENORPHINE -- 8 MG** 

NALOXONE -- 2 MG

Color: orange Shape: Six-sided

Imprint: N8 Sword Logo
Form: Sublingual Tablet

Available-Container-Size: Bottle of 30

AAPCC Code: 200625 -

Buprenorphine

NDC: 12496-1306-02

Regulatory Status: Schedule III

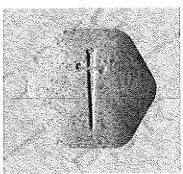
Availability: United States

Product ID 6370996

Contact: Reckitt Benckiser

**Pharmaceuticals** 





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: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837504.D File Name

Operator

: 25 Jul 2012 10:51 Date Acquired

Sample Name

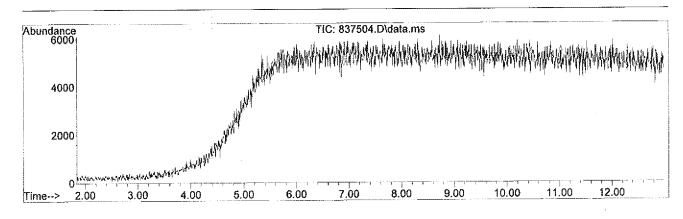
BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator

: RTE



Ret. Time

Area

Area

용

Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837505.D File Name

Operator

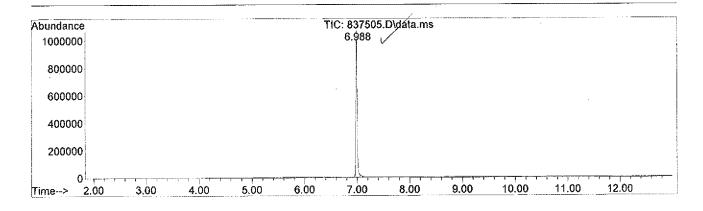
: 25 Jul 2012 11:06 : HEROIN STD Date Acquired

Sample Name

Submitted by

Vial Number AcquisitionMeth: DRUGS.M Integrator

: RTE



Ret. Time	Area		Ratio %
6.988	1772559	100.00	•

: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837505.D File Name

Operator

25 Jul 2012 11:06

Sample Name

HEROIN STD

Date Acquired Submitted by

Vial Number

AcquisitionMeth: DRUGS.M Integrator

: RTE

Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 10

C:\Database\PMW TOX2.L

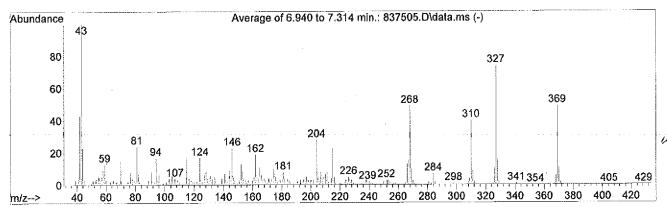
PK# RT Library/ID CAS#

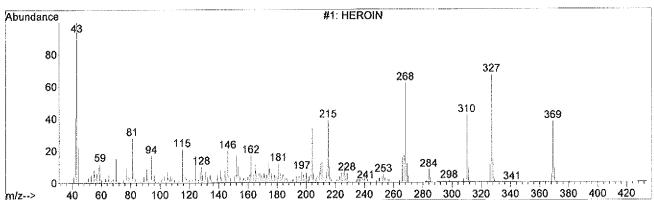
Qual

C:\Database\SLI.L 1 6.99

HEROIN

94 000561-27-3



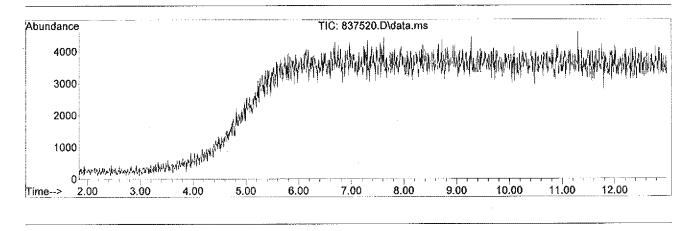


File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837520.D

Operator

Date Acquired : 25 Jul 2012 14:59

Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837521.D File Name

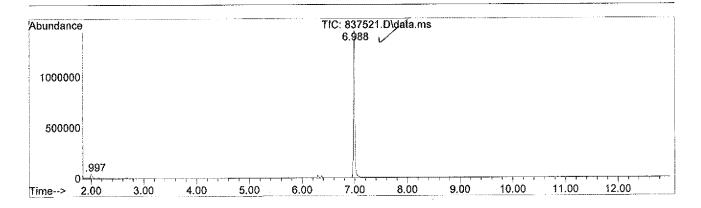
Operator

Date Acquired 25 Jul 2012 > 15:15

Sample Name Submitted by

KAC Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

21



Ret. Time	Area	Area %	Ratio %
1.997	103835	4.00	4.17
6.988	2492946	96.00	100.00

837521.D

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07 25\_12\837521.D

Operator

Date Acquired : 25 Jul 2012 15:15

Sample Name : Submitted by : Vial Number :

21 DRUGS M

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10

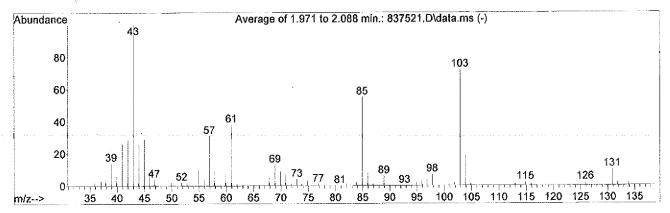
C:\Database\NIST08.L

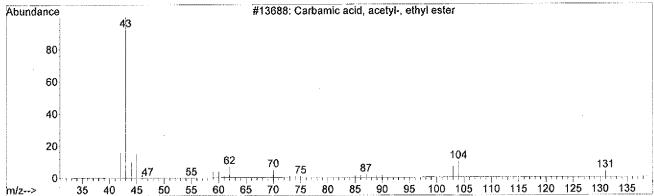
C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 2.00 C:\Database\NIST08.L

2.00 C:\Database\NIST08.L Carbamic acid, acetyl-, ethyl ester 002597-54-8 38 Heptanoic acid, 3-hydroxy-, methyl 015889-95-9 37 d-Glycero-d-ido-heptose 1000130-14-3 37





: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837521.D File Name

Operator

Date Acquired 25 Jul 2012 15:15

Sample Name

KAC 21 DRUGS.M

Submitted by Vial Number AcquisitionMeth:

Integrator RTE

Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 10

CAS#

C:\Database\NIST08.L C:\Database\PMW\_TOX2.L

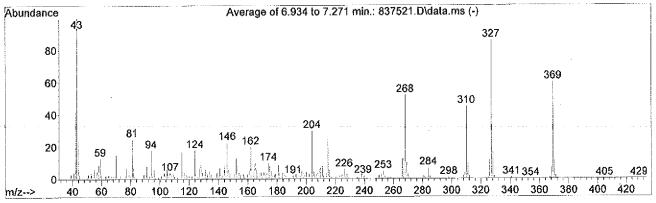
Library/ID PK# RT

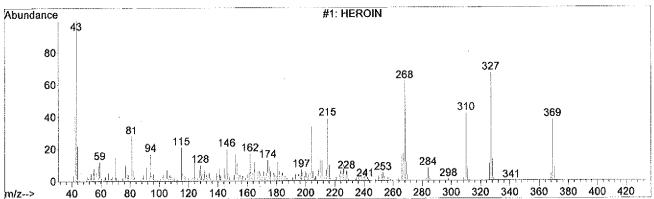
C:\Database\SLI.L 2 6.99

HEROIN

000561-27-3 91

Qual





#### Area Percent / Library Search Report

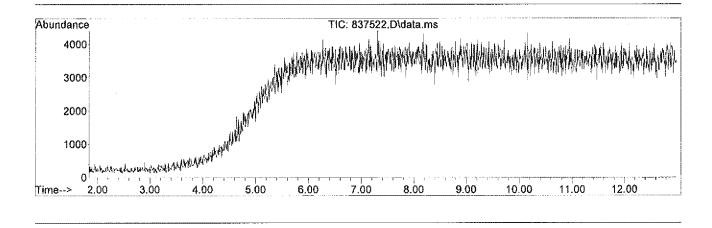
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File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837522.D

Operator

Date Acquired : 25 Jul 2012 15:30

Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837523.D File Name

Operator

25 Jul 2012 15:46

Date Acquired Sample Name

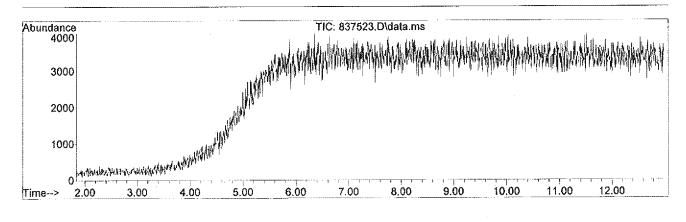
BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator

: RTE



Ret. Time

Area

Area

용

Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837524.D File Name

Operator

Date Acquired

: 25 Jul 2012 1,8:01

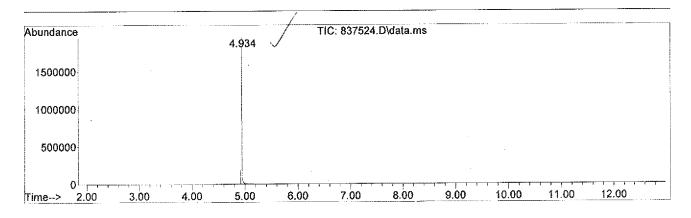
Sample Name

Integrator

: COCAINE STD /

Submitted by Vial Number AcquisitionMeth: DRUGS.M

24 ; RTE



Ret. Time	Area	Area %	Ratio %	
4.934	1774323		100.00	

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837524.D

Operator

Date Acquired : 25 Jul 2012 16:01

Sample Name

COCAINE STD

Submitted by

.

Vial Number

24 DRUGS.M

AcquisitionMeth: Integrator :

: RTE

Search Libraries:

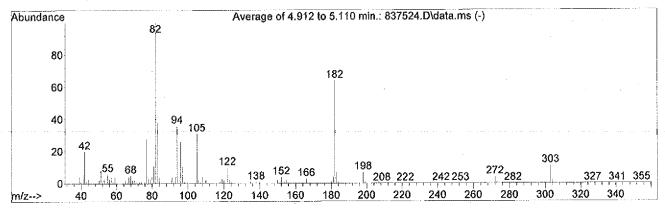
C:\Database\SLI.L

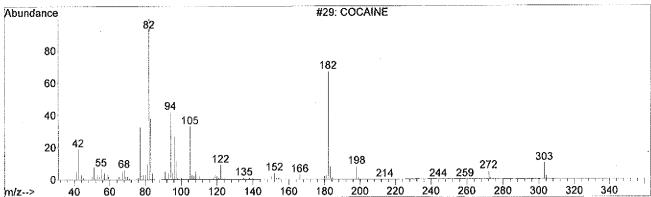
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 10

PK#	RT	Library/ID	CAS#	Qual
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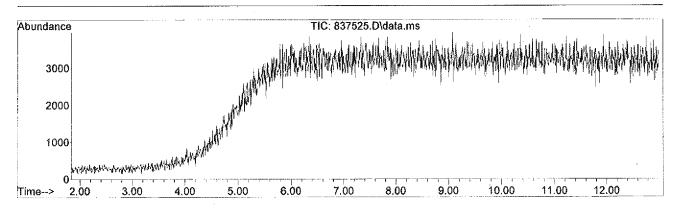
: C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837525.D File Name

Operator

Date Acquired : 25 Jul 2012 16:17

: BLANK Sample Name Submitted by : KAC 1

Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator



Ret. Time

Area

Area

Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837526.D File Name

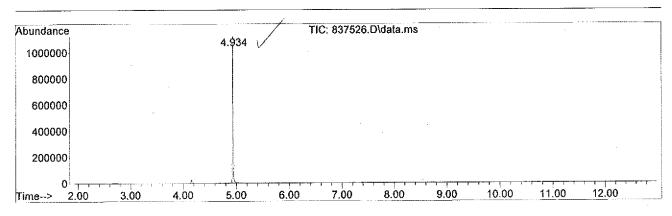
Operator

25 Jul 2012, 16:32 Date Acquired

Sample Name Submitted by

KAC 26

Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	 Ratio %
4.934	1047901	 100.00

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837526.D

Operator

Date Acquired : 25 Jul 2012 16:32

Sample Name :

Submitted by : KAC
Vial Number : 26
AcquisitionMeth: DRUGS.M
Integrator : RTE

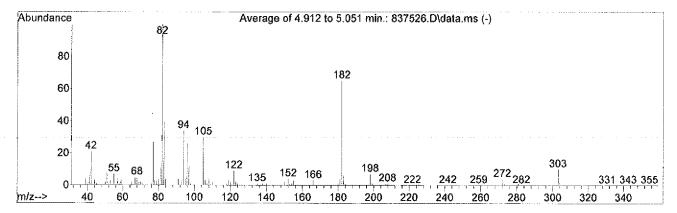
Search Libraries: C:\Database\SLI.L

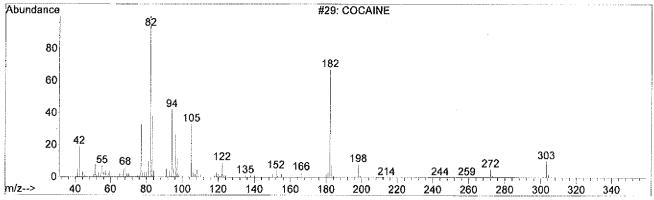
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 10

 PK#	RT	Library/ID	CAS#	Qual
1	4.93	C:\Database\SLI.L COCAINE COCAINE COCAINE	000050-36-2 000050-36-2 000050-36-2	99 99 99





#### Area Percent / Library Search Report

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837554.D

Operator

: 25 Jul 2012 23:33

Date Acquired Sample Name

: BLANK

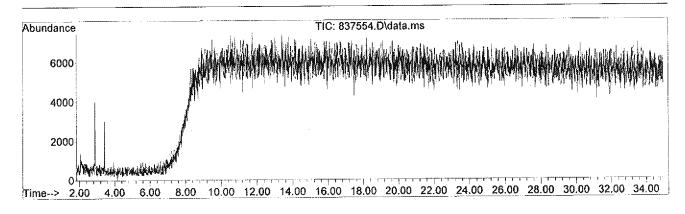
Submitted by

Vial Number

AcquisitionMeth: WSCREEN.M

Integrator

: RTE



Ret. Time

Area

Area %

Ratio %

: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837555.D File Name

Operator

Date Acquired : 26 Jul 2012 00:12 Sample Name

: BUPRENORPHINE STD /

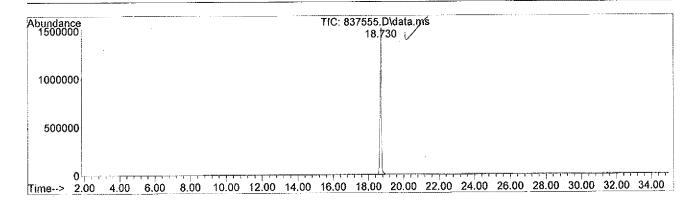
Submitted by

Vial Number

55

AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	 Ratio %
18.730	8010906	

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837555.D

Operator

Date Acquired : 26 Jul 2012 00:1 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 55

AcquisitionMeth: WSCREEN.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L

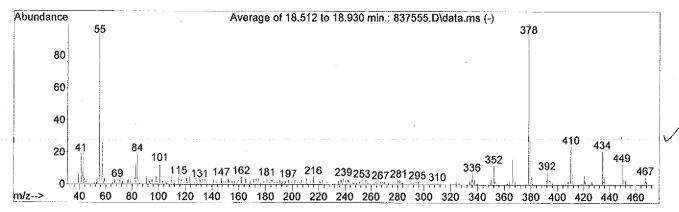
C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 10

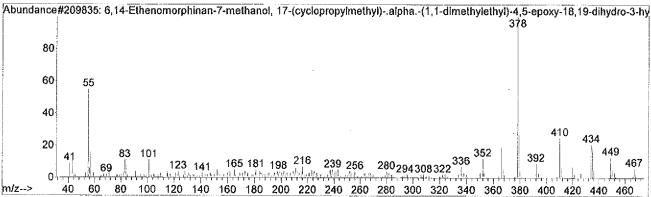
C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 18.73 C:\Database\NISTO8.L

6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 96





#### Area Percent / Library Search Report

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837556.D

Operator

Date Acquired : 26 Jul 2012 00:50

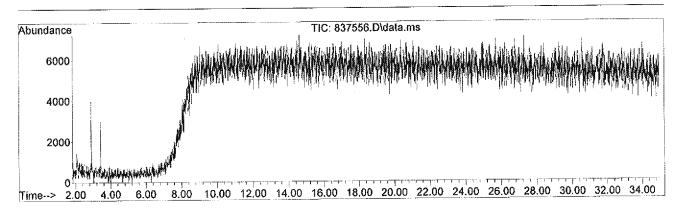
Sample Name : BLANK Submitted by

Vial Number :

AcquisitionMeth: WSCREEN.M

Integrator

: RTE



Ret. Time

Area

Area

Ratio %

#### Area Percent / Library Search Report

Information from Data File:

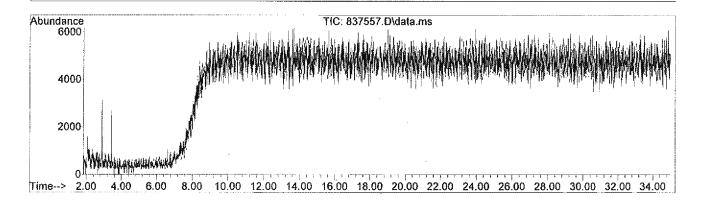
File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837557.D

Operator

Date Acquired : 26 Jul 2012 1:29

Sample Name : BLANK : KAC Submitted by Vial Number

AcquisitionMeth: WSCREEN.M Integrator : RTE



Ret. Time

Area

Area

Ratio %

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837558.D

Operator

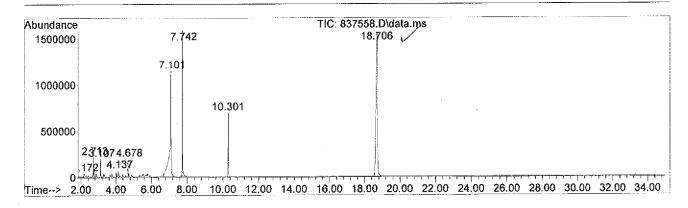
Date Acquired : 26 Jul 2012/ 2:08

Sample Name : Submitted by :

KAC 58

Vial Number : 58 AcquisitionMeth: WSCREEN.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.172	215709	1.25	2.50	
2.713	331077	1.92	3.84	
3.107	312529	1.82	3,62	
4.137	109276	0.63	1.27	
4.678	221443	1.29	2.57	
7.101	4736426	27.52	54.90	
7.742	1584188	9.20	18.36	
10.301	1073595	6.24	12.44	
18.706	8626990	50.12	100.00	

837558.D

2:08

Information from Data File:

C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837558.D File Name

Operator

Date Acquired

26 Jul 2012

Sample Name Submitted by Vial Number

KAC 58

AcquisitionMeth: WSCREEN.M

Integrator RTE

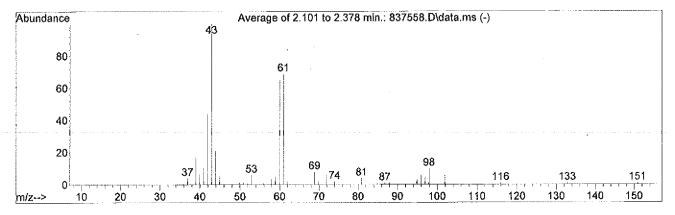
C:\Database\SLI.L Search Libraries:

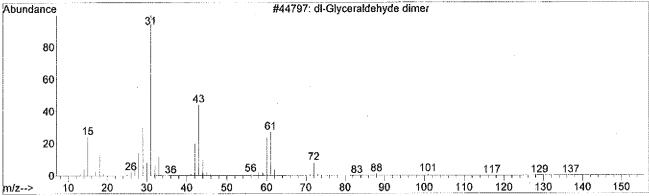
Minimum Quality: 80 Minimum Quality: 10 C:\Database\NIST08.L

C:\Database\PMW\_TOX2.L

PK# RTLibrary/ID CAS# Qual

1 2.17 C:\Database\NIST08.L dl-Glyceraldehyde dimer 50 026793-98-6 Propanal, 2,3-dihydroxy-000367-47-5 42 1000129-76-4 40 3,4-Altrosan





: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837558.D File Name

Operator

Date Acquired

26 Jul 2012 2:08

Sample Name Submitted by

KAC 58

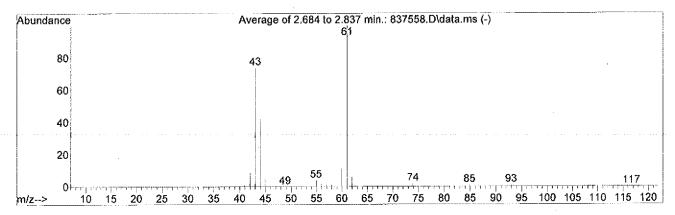
Vial Number AcquisitionMeth: WSCREEN.M

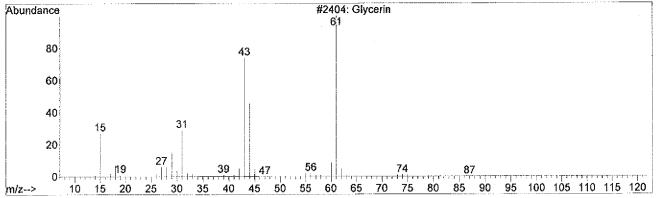
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 10

C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
2	2.71	C:\Database\NIST08.L Glycerin Glycerin Glycerin	000056-81-5 000056-81-5 000056-81-5	83 83 74





File Name C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837558.D

Operator

Date Acquired 26 Jul 2012 2:08

58

Sample Name Submitted by KAC

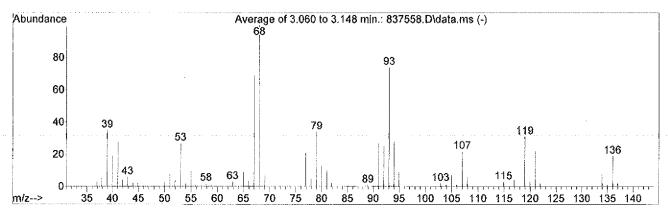
Vial Number AcquisitionMeth: WSCREEN.M

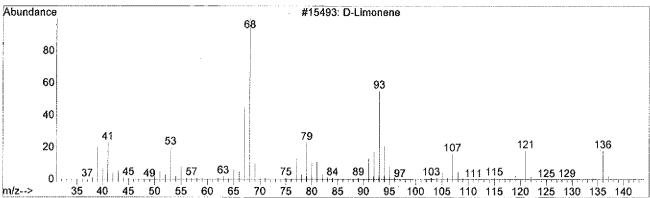
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

Minimum Quality: 10 C:\Database\NIST08.L

PK#	RT	Library/ID	CAS#	Qual
3	3.11	C:\Database\NIST08.L D-Limonene D-Limonene D-Limonene	005989-27-5 005989-27-5 005989-27-5	94 93 93





C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837558.D File Name

Operator

Date Acquired 26 Jul 2012 2:08

Sample Name Submitted by

KAC Vial Number 58

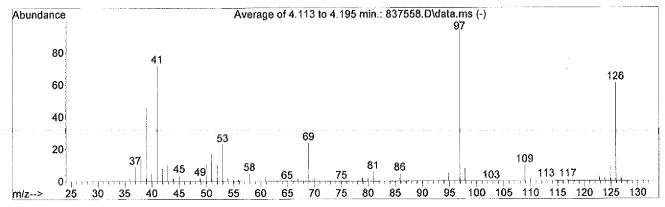
AcquisitionMeth: WSCREEN.M

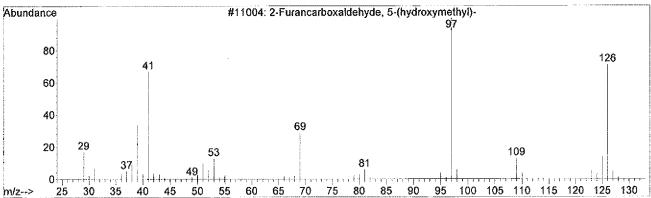
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 10

C:\Database\NIST08.L

Į.	PK#	RT	Library/ID	CAS#	Qual
	4	4.14	C:\Database\NIST08.L 2-Furancarboxaldehyde, 2-Furancarboxaldehyde, 4-Mercaptophenol		60 46 37





C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837558.D File Name

Operator

Date Acquired 26 Jul 2012 2:08

Sample Name Submitted by Vial Number 58

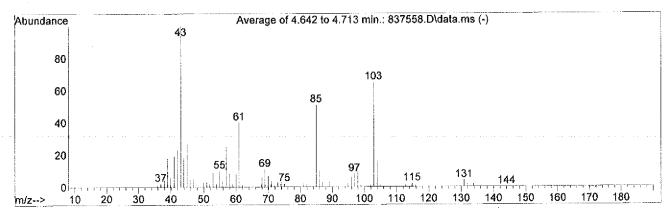
AcquisitionMeth: WSCREEN.M

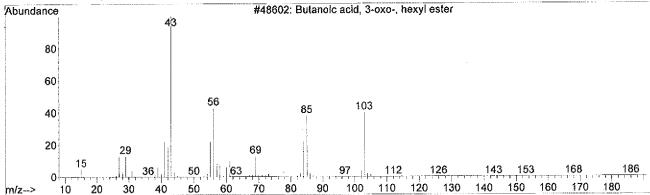
: RTE Integrator

Minimum Quality: 80 C:\Database\SLI.L Search Libraries: Minimum Quality: 10

C:\Database\NIST08.L

	PK#	RT	Library/ID	CAS#	Qual
•	5	4.68	C:\Database\NIST08.L  Butanoic acid, 3-oxo-, hexyl ester  Butanoic acid, 3-oxo-, 2-methylprop		37 37
			Butanedioic acid, 2-hydroxy-2-methy		32





: C:\MSDCHEM\1\DATA\SYSTEM9\07 25 12\837558.D File Name

Operator

Vial Number

26 Jul 2012 2:08 Date Acquired

Sample Name Submitted by

KAC 58

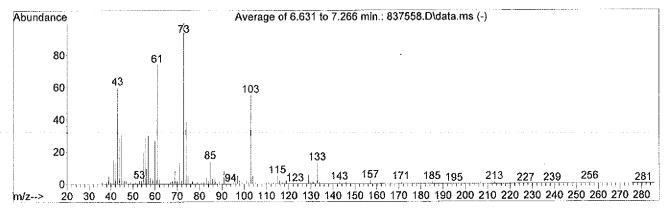
WSCREEN.M AcquisitionMeth:

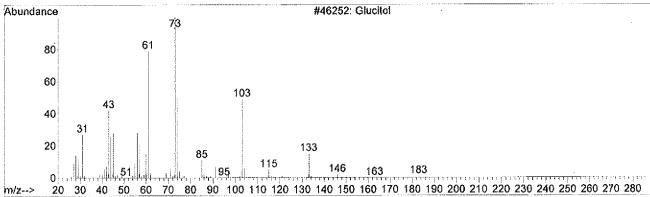
Integrator : RTE

Minimum Quality: 80 Search Libraries: C:\Database\SLI.L Minimum Quality: 10

C:\Database\NIST08.L

	PK#	RT	Library/ID	CAS#	Qual
-	6	7.10	C:\Database\NIST08.L Glucitol	026566-34-7	91
			Sorbitol Sorbitol	000050-70-4 000050-70-4	86 83





File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837558.D

Operator

Date Acquired 26 Jul 2012 2:08

Sample Name

Submitted by KAC Vial Number 58

AcquisitionMeth: WSCREEN.M

Integrator RTE

Search Libraries: C:\Database\SLI.L

Octadecanoic acid

Octadecanoic acid

Minimum Quality: 80 Minimum Quality: 10

000057-11-4

000057-11-4

241

96

95

C:\Database\NIST08.L C:\Database\PMW\_TOX2.L

PK# RTLibrary/ID CAS# Qual 7 7.74 C:\Database\NIST08.L Octadecanoic acid 000057-11-4 99

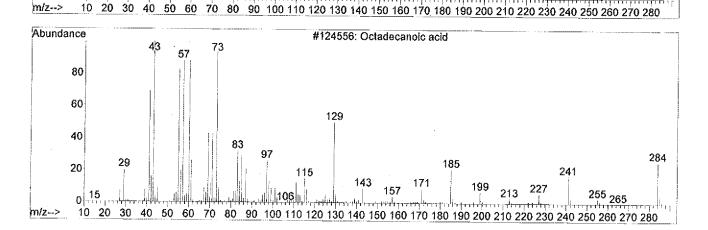
Abundance Average of 7.719 to 7.966 min.: 837558.D\data.ms (-) 73 80 57 60 129 40 97 20 185 284 115

171

157

199

213 227



2:08

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837558.D

Operator

Date Acquired

26 Jul 2012

Sample Name Submitted by Vial Number

58 AcquisitionMeth: WSCREEN.M

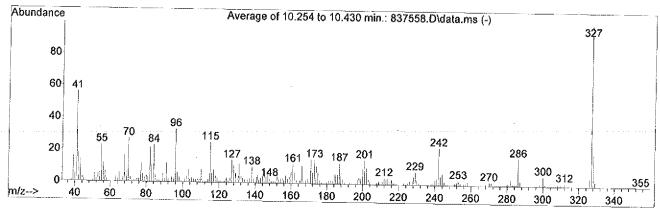
Integrator RTE

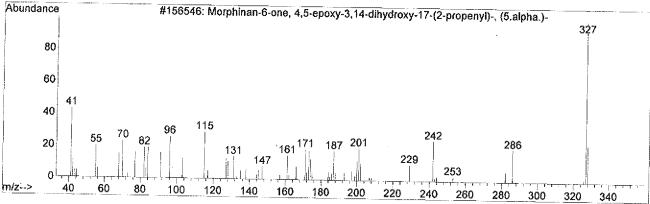
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 10

C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual 8 C:\Database\NIST08.L 10.30 Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6 99 Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6 99 Morphinan-6-one, 4,5-epoxy-3,14-dih 000465-65-6 98





Information from Data File: File Name C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837558.D Operator Date Acquired 26 Jul 2012 2:08 Sample Name Submitted by KAC Vial Number 58 AcquisitionMeth: WSCREEN.M Integrator : RTE Search Libraries: C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 10 C:\Database\PMW\_TOX2.L PK# RT Library/ID CAS# Qual 9 18.71 C:\Database\NIST08.L 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 6,14-Ethenomorphinan-7-methanol, 17 052485-79-7 99 99 97 Abundance Average of 18.495 to 18.930 min.: 837558.D\data.ms (-) 55 378 80 60 40 84 410 20 434 101 336 <sup>352</sup> 449 123 147161 181 202216 69 392 239 256 280 296310 467 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 60 Abundance#209835: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-.alpha.-(1,1-dimethylethyl)-4,5-epoxy-18,19-dihydro-3-hy 80 60 55 40

239 256

80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460

280294308322 336

20

40 60

m/z-->

165 181 <sub>198</sub> 216

123 141

410

392

434 | 449

467

2:47

Information from Data File:

File Name

: C:\MSDCHEM\1\DATA\SYSTEM9\07\_25\_12\837559.D

Operator

Date Acquired : 26 Jul 2012

Sample Name

: BLANK

Submitted by

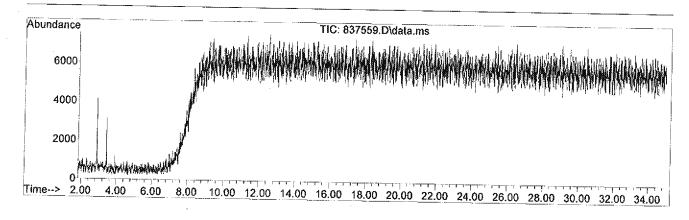
: KAC

Vial Number

AcquisitionMeth: WSCREEN.M

Integrator

: RTE



Ret. Time

Area

Area %

Ratio %